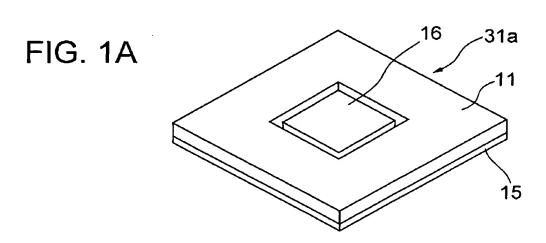
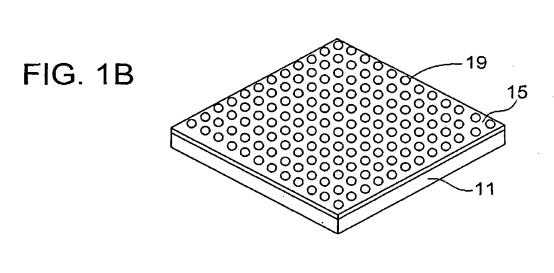
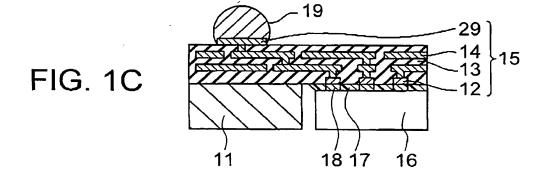
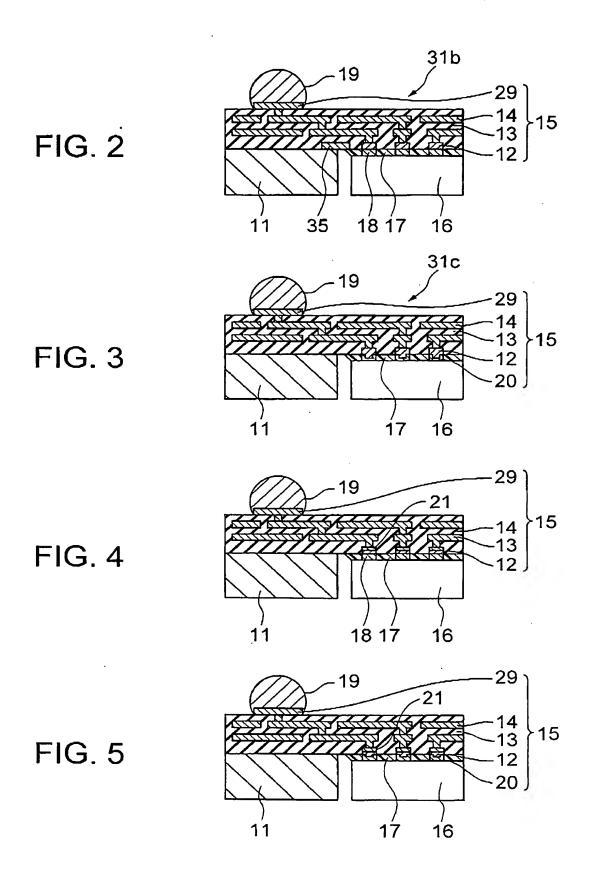
# Katsumi KIKUCHI et al. iconductor Package Board Using a Meta se" Q65269---Filed June 29, 2001 Sheets 1 of 26



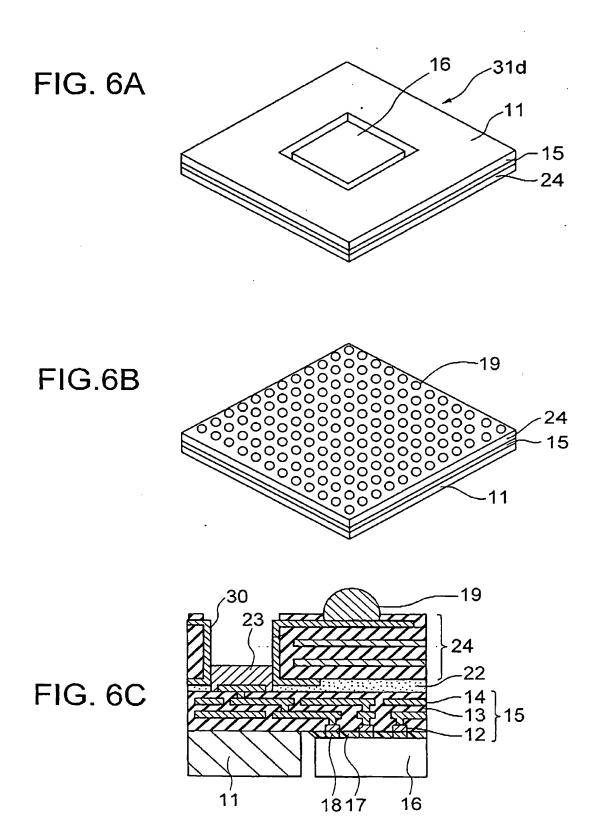




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# Katsumi KIKUCHI et al. iconductor Package Board Using a Meta Q65269---Filed June 29, 2001 Sheets <u>3</u> of 26

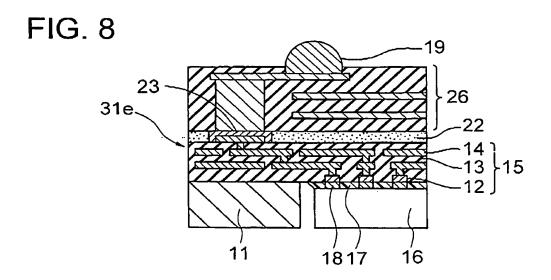


# Katsumi KIKUCHI et al. liconductor Package Board Using a Meta Q65269---Filed June 29, 2001 Sheets \_\_\_\_\_ of 26

FIG. 7 25 23 30 -19 31f-24a 22 14 13 12 29 11

16

1817



#### Katsumi KIKUCHI et al. iconductor Package Board Using a Meta Q65269---Filed June 29, 2001 Sheets <u>5</u> of 26

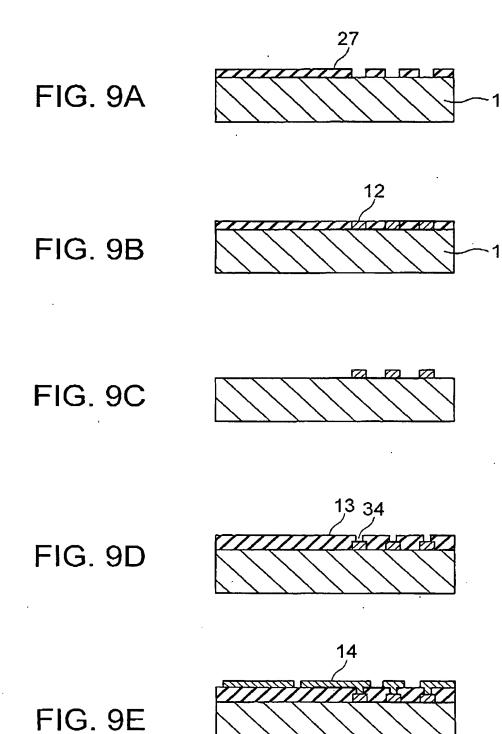


FIG. 9 I

## Katsumi KIKUCHI et al. 'Conductor Package Board Using a Meta Se' Q65269---Filed June 29, 2001 Sheets 6 of 26

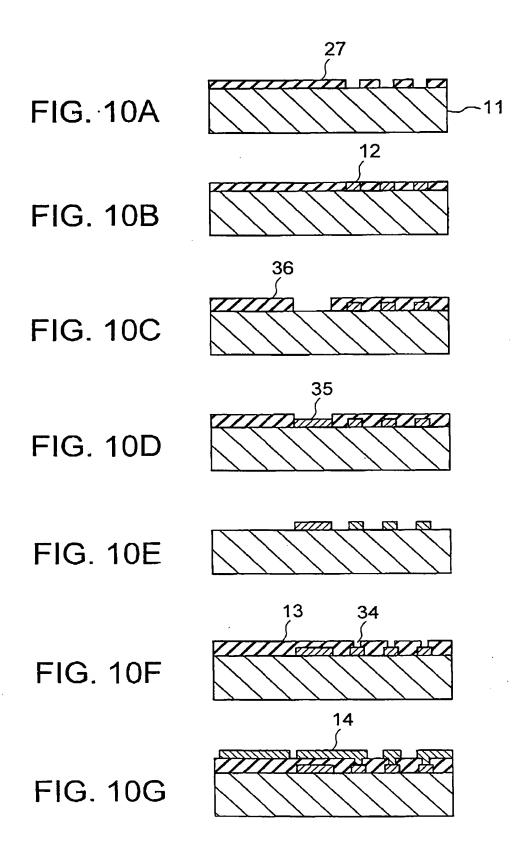
29] FIG. 9F 11 28 FIG. 9G 28 31a FIG. 9H 19

16

18 17

#### Katsumi KIKUCHI et al. iconductor Package Board Using a Meta Q65269---Filed June 29, 2001

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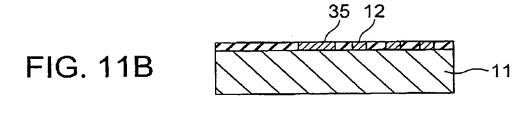
## Katsumi KIKUCHI et al. 'Conductor Package Board Using a Meta Se' Q65269---Filed June 29, 2001 Sheets 8 of 26

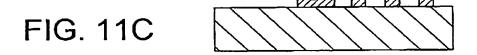
29] 12 J FIG. 10H 11 - 28 FIG. 10 I 28 31b FIG. 10J 19 FIG. 10K

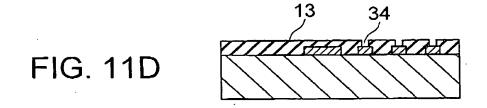
18 17

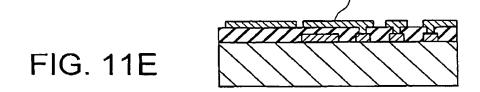
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta se" Q65269---Filed June 29, 2001 Sheets 9 of 26

FIG. 11A

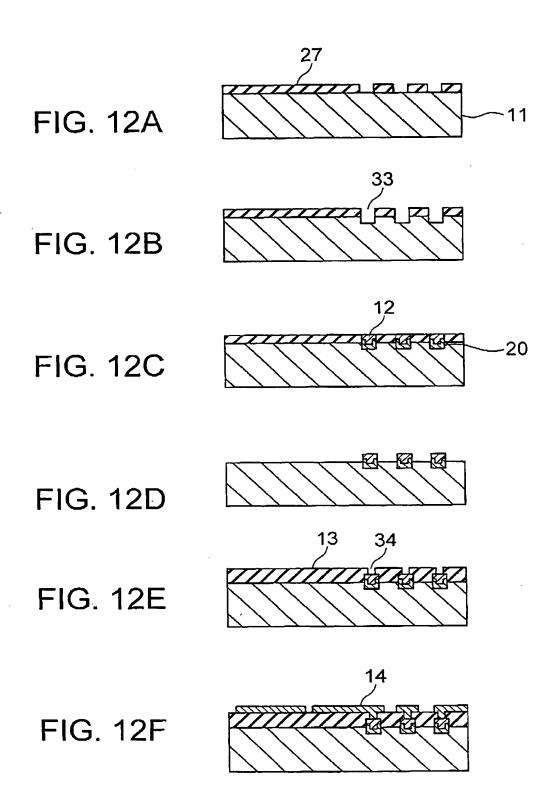




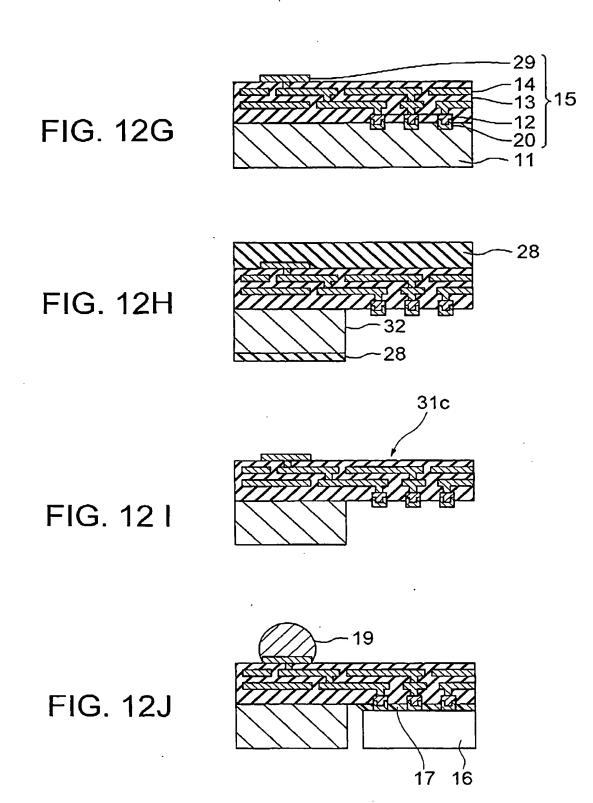




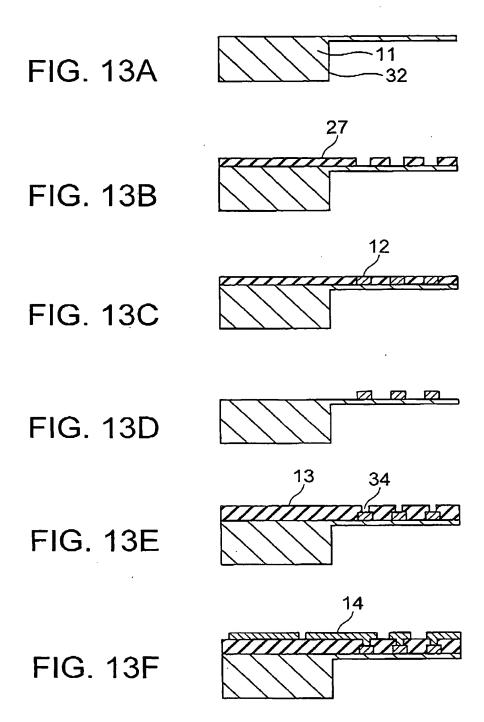
## Katsumi KIKUCHI et al. liconductor Package Board Using a Meta Q65269---Filed June 29, 2001 Sheets 10 of 26



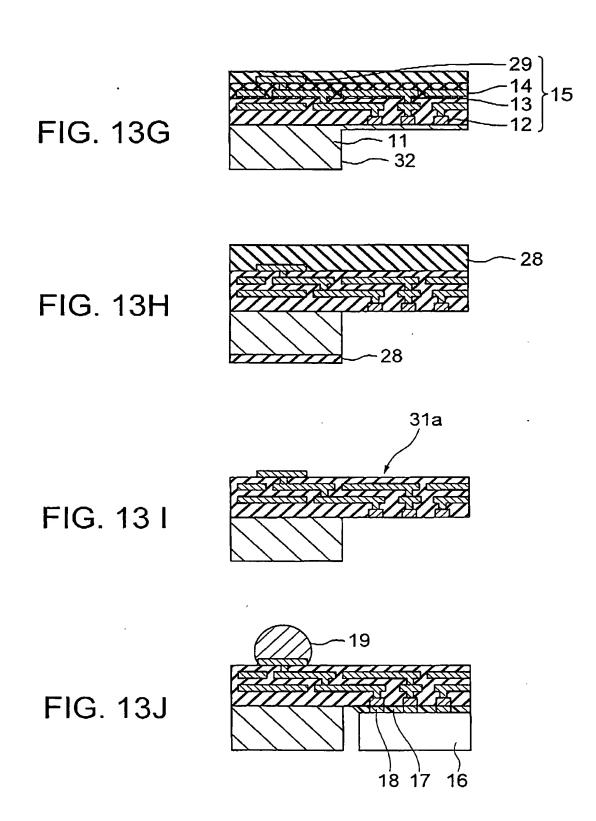
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta ase" Q65269---Filed June 29, 2001 Sheets \( \frac{11}{2} \) of 26



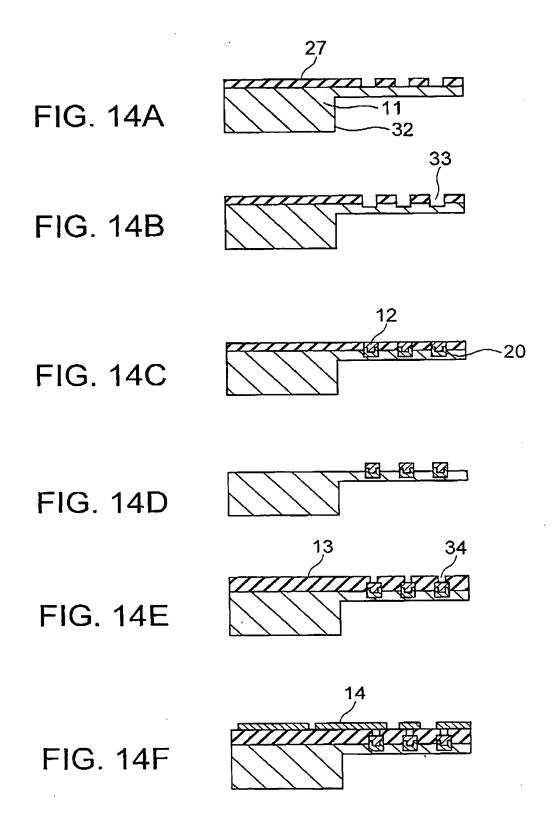
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta se" Q65269---Filed June 29, 2001 Sheets 12 of 26



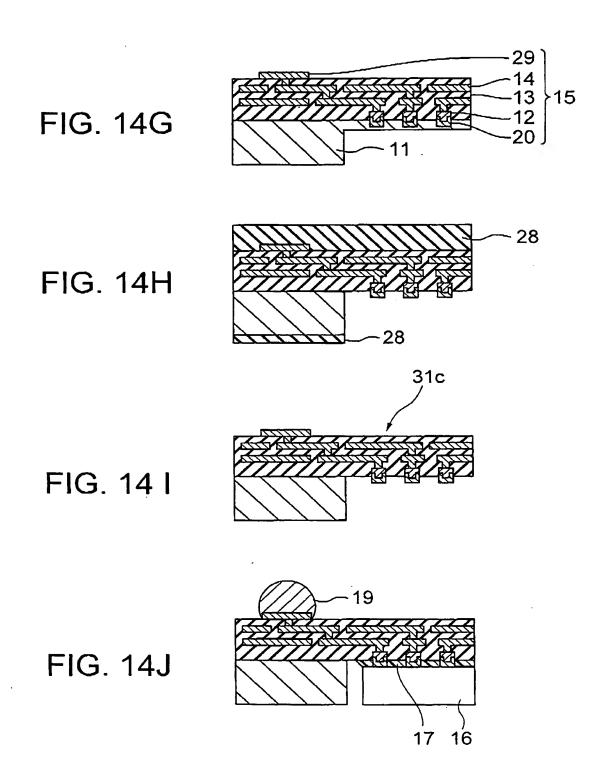
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta se" Q65269---Filed June 29, 2001 Sheets 13 of 26



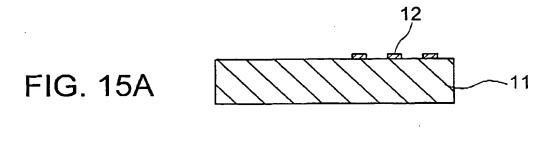
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta se" Q65269---Filed June 29, 2001 Sheets 14 of 26

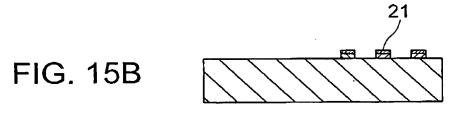


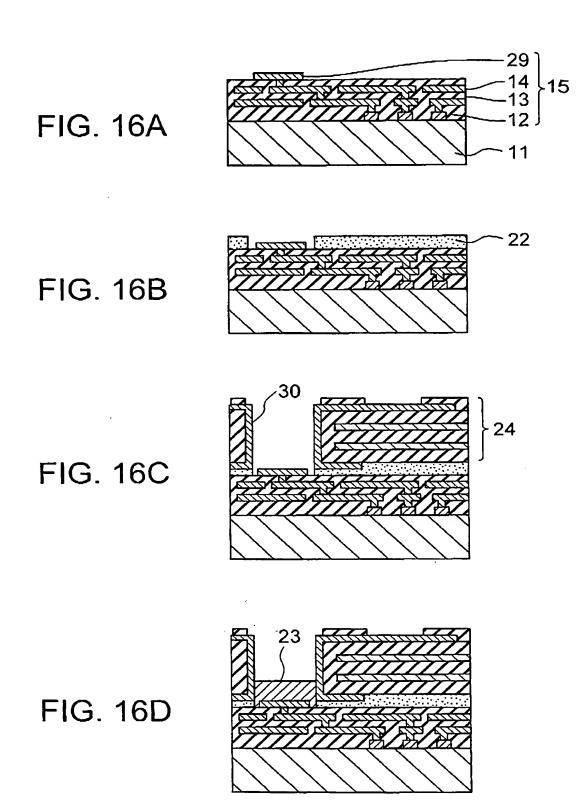
## Katsumi KIKUCHI et al. iconductor Package Board Using a Meta Q65269---Filed June 29, 2001 Sheets 15 of 26



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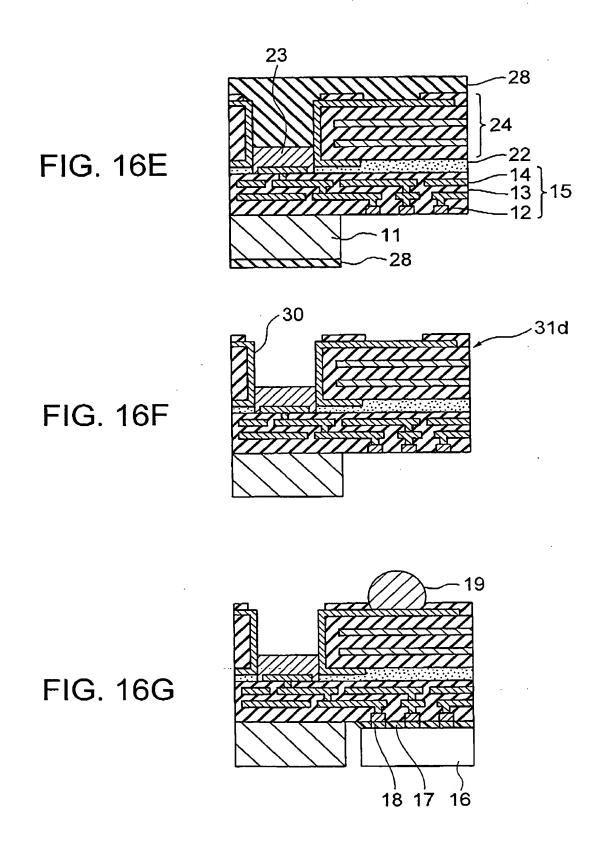


FIG. 17A

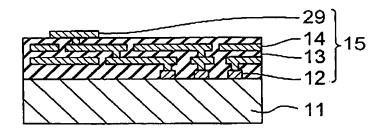


FIG. 17B

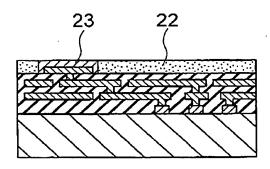
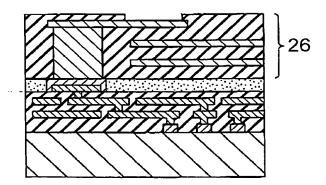
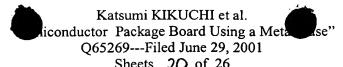


FIG. 17C





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FIG. 18A

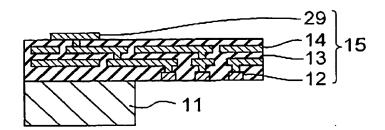


FIG. 18B

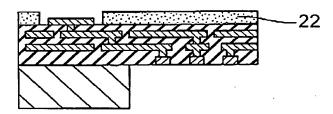


FIG. 18C

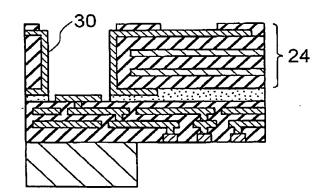


FIG. 18D

31d

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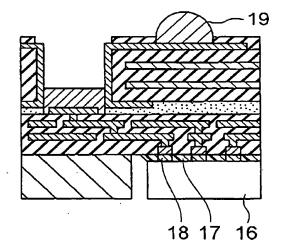


FIG. 19A

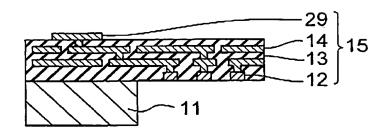


FIG. 19B

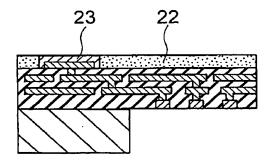
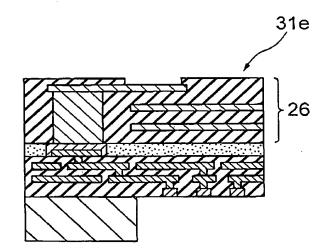


FIG. 19C



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11

FIG. 20E

FIG. 20A FIG. 20B FIG. 20C FIG. 20D

se'

FIG. 20F

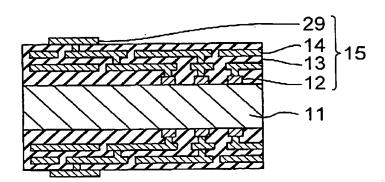
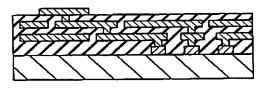
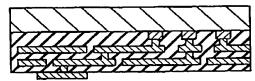
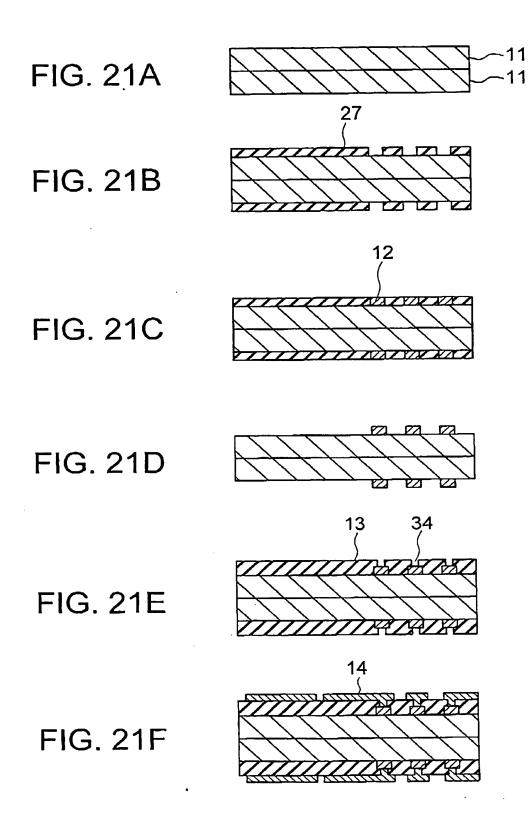


FIG. 20G







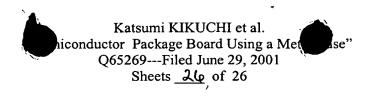


FIG. 21G

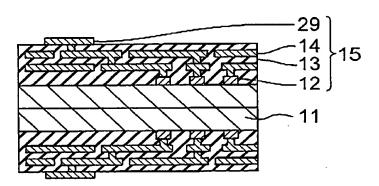


FIG. 21H

